

SCAVENGER HUNT:

Navigating the Marianas Trench Marine National Monument

NAME: _____

How well do you know the ecosystems and habitats of the **Marianas Trench Marine National Monument**? Learn about some of the unique features of the Monument—including its natural and cultural resources—by joining in on a scavenger hunt through **two posters** filled with beautiful scientific illustrations of the Monument.

Can you successfully navigate the Monument to answer the questions below? Note: Questions marked with an octopus symbol 🐙 will challenge you to look beyond the posters for the answer.



**NOAA
FISHERIES**

NOAA Pacific Marine National Monument Program:

www.fisheries.noaa.gov/pacific-islands/habitat-conservation/marianas-trench-marine-national-monument



USFWS National Wildlife Refuge System

www.fws.gov/refuge/mariana_trench_marine_national_monument/

1 What is a Marine National Monument?
(describe in your own words)

2 What are the units that make up the Marianas Trench Marine National Monument?

3 How deep is the Mariana Trench?

4 True or False? The Mariana Trench is the deepest trench on Earth.

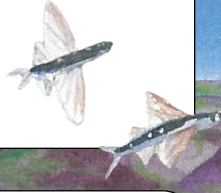
5 True or False? The Challenger Deep is within the Marianas Trench Marine National Monument.

6 Why is the Marianas Trench Marine National Monument important to science?

7 Why is the Marianas Trench Marine National Monument culturally significant to the people of the Mariana Islands? 🐙

8 The Marianas Trench Marine National Monument includes the waters and submerged lands of which Mariana Islands? 🐙

9 True or False? Students from the Mariana Islands named Sirena Deep after the Chamorro story of Sirena. 🐙



10 True or False? The waters in the Volcanic Unit/ Arc of Fire Refuge and Trench Unit/Refuge are protected as part of the Monument. 🐙

11 True or False? A Marine National Monument protects just one species, not entire ecosystems. 🐙

12 What is one animal found in the Islands Unit? The Volcanic Unit/Arc of Fire Refuge? The Trench Unit/Refuge?

13 In which unit can mud volcanoes and hydrothermal vents be found? 🐙



14 What does the Champagne vent produce?

15 Which animal was found at the deepest point of the Trench Unit/Refuge?

16 What tool/technology is used to explore and research the depths of the Mariana Trench?

17 Looking at the different ecosystems in the posters, why do you think there is more life in the Islands Unit than in the Trench Unit?

18 What are some of the harsh conditions that marine inhabitants face while living in the Volcanic Unit/Arc of Fire Refuge or Trench Unit/Refuge? 🐙



19 What are some threats facing the Islands Unit? 🐙

20 What are some things you can do to care for and help protect and conserve the Monument? 🐙

